FRESNO, CALIFORNIA
CLASS SPECIFICATION

WATER SYSTEM OPERATOR-IN-TRAINING

FLSA STATUS:
Non-Exempt

CLASS SUMMARY:
The Water System Operator-in-Training is the first and entry level in a six level Utilities Water System Operator series. Incumbents are responsible for undergoing a formal training program in the testing, cleaning, maintenance, inspection, repair, installation replacement, surface and groundwater treatment, distribution, construction and operation of water system infrastructures. Under the direct supervision of a certified operator, incumbents gain experience to qualify for an operator certificate. Failure to successfully complete the training program is cause for termination. While in this classification, incumbents will not achieve permanent status within the classified service, as defined in Fresno Municipal Code Section 3-202.

The Water System Operator-in-Training is distinguished from the Assistant Water System Operator, which is responsible for performing semi-skilled and skilled water system operations activities under general supervision.

TYPICAL CLASS ESSENTIAL DUTIES: (These duties are a representative sample; position assignments may vary.)		**FRE-QUENCY**
1.	Assists in reading meters to identify and document chemical levels, including calculating chemical dosage.	Daily 10%
2.	Assists in the routine testing, cleaning, preventative maintenance, and repairs on water system equipment associated with surface and groundwater treatment and distribution to ensure efficient and effective operations.	Daily 20%
3.	Assists in inspecting plant equipment for proper performance.	Daily 10%
4.	Assists in collecting surface and groundwater samples and preparing for submission to laboratory facilities.	Weekly 10%
5.	Assists in installing a variety of water system equipment at pump stations and/or other applicable locations which, depending on assignment, may include: water mains, valves, meters, fire hydrants, pressure regulators, pumps and tanks, surface and groundwater treatment equipment, distribution, production equipment, and/or other water system infrastructures.	Daily 50%
6.	Performs other duties of a similar nature or level.	As Required

Training and Experience (positions in this class typically require):

- One year of experience in general construction, landscape maintenance, mechanical maintenance or in the general distribution and operation of potable and non-portable water systems is required;

OR

- An equivalent combination of education and experience sufficient to successfully perform the essential duties of the job such as those listed above.

Licensing Requirements (positions in this class typically require):

- Basic Class C License

Some positions, based on assignment, may re:

- Valid State of California Commercial Driver's License, Class A or B with appropriate endorsements;
- Valid Water Treatment Operator Certificate, Grade T1, or a Water Distribution Operator Certificate, Grade D1, issued by the State of California, Department of Health Services, within 18 months of assignment.

Knowledge (position requirements at entry):
Knowledge of:

- Mathematical concepts;
- Building and construction trades, methods, principles, practices and techniques;
- Plumbing and pipe fitting techniques, practices and procedures;
- Applicable tools and equipment utilized in assigned area or responsibility;
- Computers and applicable software and database systems;
- Safe work practices and procedures.

Skills (position requirements at entry):
Skill in:

- Preparing and performing mathematical calculations
- Performing vehicle and equipment maintenance and repairs in assigned area of responsibility
- Using and maintaining applicable tools, equipment, vehicles, and hardware and software related to job duties
- Communication, interpersonal skills as applied to interaction with coworkers, supervisor, the general public, business, organizations, elected and appointed officials, media, etc. sufficient to exchange or convey information, give/receive work direction

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Physical Requirements:
Positions in this class typically require: feeling, finger dexterity, grasping, hearing, repetitive motions, seeing, talking, bending, kneeling, lifting, reaching, standing, stooping, walking, balancing, climbing, crawling, crouching, pulling and pushing.

Very Heavy Work: Exerting up to 100 pounds of force occasionally, and/or in excess of 50 pounds of force frequently, and/or in excess of 20 pounds of force constantly to move objects.

Incumbents may be subjected to moving mechanical parts, electrical hazards, vibrations, fumes, odors, dusts, poor ventilation, adverse weather conditions, environmental hazards, gasses, chemicals, oils, work space restrictions, inadequate lighting, intense noises and travel.

Note:
The above job specification is intended to represent only the key areas of responsibilities; specific position assignments will vary depending on the business needs of the department.

Classification History:
Draft prepared by Fox Lawson & Associates (LM)
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